SUBJECT Manchurian Coal Resources and Production  NO. OF PAGES 3 pages  50X1  NO. OF ENCLS. 1  SUPPLEMENT TO REPORT NO. 50X1  THIS IS UNEVALUATED INFORMATION  There is little machinery used in the deep mines. Picks and shovels constitute practically the only digging equipment. Motors on the surface power the cables which motivate the sub-surface carts. The open mines and strip mines have steam shovels and cranes. At Fushum, there were about 50 steam shovels and 10 cranes.  A Fushum, there were about 50 steam shovels and smaller pieces, and larger pieces. Belt conveyors were used to move the product from the cleaning plants to storage areas. At Fushum, it was considered something of a problem to dispose of the 900 tons per day of mud coal. It had a heat value of 4500 kilocalories per kilogram. A mixture of 40% mud coal and 60% good coal was used for steam power plant operation.  The center of the Fushum mains was approximately six kilometers esst-south-east of the Fushum reliproad station. The mine extended about 15 kilometers from northeast to southwest and about 20 kilometers from morthwest to southeast.  The Fou-Hain (A) minesystemed from the relibroad line south for about 10 kilometers and about 20 kilometers east and 20 kilometers east of the Fei Feng mine started about five kilometers southeast of the Fei Feng mine started about 15 kilometers from northwest to southeast.  The Fou-Hain (B) mine was about 70 kilometers southeast of the Fei Feng reil-road station.  The Fei Feng mine started about five kilometers southeast of the Fei Feng reil-road station.		•		NTELLIGENCE AGENCY		
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10.	The Mu Leng mine started about 0.5 kilometers north of the railroad station.	
11.	The seven coal mines listed were the only important producers in Manchuria. If other coal mines together produced less than one thousand tons per day and had a total reserve of approximately 500,000,000 tons in 1945.	<b>11.1</b> k 4
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ENCLOSURE-A

				<b>=</b>	50X1
Reserve Tons-1945	Daily Prod. Tons/day- 1945	<u>Started</u>	Types & Proportions mined (1945)	Employees - Permanent & Temporary	Analysis (Approx.)
City: FUSHU Company: Ma 800,000,000	N (41 <sup>0</sup> 52'N-12 nchuria Railro 30,000	23 <sup>0</sup> 53' <b>E)</b> pad Co. 1910	Strip- 1 Deep - 1 Open - 2	10,000 20,000	C. 48% Volatile - 35% Ash - 9% Moisture - 8% Sulphur - 0.2% Phosphorous - 0 Heat Value- 7000 K.cal/kg
City: FOU-H Company: Ma 4,000,000,0	SIN (A) (42 <sup>0</sup> 0) nchuria Coal 1 00 15,000	5'N-121 <sup>0</sup> 42 Mine Co. 1935	Strip- 2 Deep - 1 Open - 1	7,000 15,000	C. 40% Volatile - 35% Ash - 15% Moisture - 10% Sulphur - 0.5% to 1 Phosphorous 0 Heat Value- 6000 K.cal/kg
City: FOU-H 4,000,000,0		ills only			Same as Fou-Hsin (A)
	FENG (42 <sup>0</sup> 55'N Inchuria Coal 1000 3,000		Open - 1 Strip- 2	2,000 5,000	C. 44% Volatile - 36% Ash - 10% Moisture - 10% Sulphur - 0.5% Heat value- 6500 K.cal/kg
City: LUKA	AN (Approx. 4 anchuria Coal		E)		
4,000,000,0		1937	Open - 1 Strip- 2 Deep - 1	5,000 10,000	Same as Fou Hsin (A)
City: PEN-	CH'I (Approx renchihu Steel ) 2,500	41°30'N-12 Mill Co. 1937	0pen - l Strip- l	1,500 3,000	7000 K.cal/kg smokeless
	LENG (44 <sup>0</sup> 32'N- Manchuria Coal 000 1,000		Strip	800 1,500	Like Pei Feng.

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